YEARLY STATUS REPORT - 2020-2021

Part A
Data of the Institution

1.Name of the Institution	DEVINENI VENKATA RAMANA AND Dr. HIMASEKHAR MIC COLLEGE OF TECHNOLOGY
• Name of the Head of the institution	Dr K Srinivas
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	08678273535
• Alternate phone No.	08678273560
• Mobile No. (Principal)	9618161818
• Registered e-mail ID (Principal)	principal@mictech.ac.in
• Address	Kanchikacherla
• City/Town	Vijayawada
• State/UT	Andhra Pradesh
• Pin Code	521180
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	10/08/2018
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**M.Nageswararao**
• Phone No.	**08678273535**
• Mobile No:	**9951133170**
• IQAC e-mail ID	**iqac@mictech.ac.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	http://mictech.edu.in/images/pdf/AQAR-2019-20.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	http://mictech.edu.in/academic-calendar

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.22**	**2017**	**02/05/2017**	**31/12/2023**

6.Date of Establishment of IQAC	**15/06/2016**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Nil	**Nil**	**Nil**	**Nil**	**Nil**

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File	

9.No. of IQAC meetings held during the year	**4**
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken	**Yes**

uploaded on the institutional website?		
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	

10.Did IQAC receive funding from any funding agency to support its activities during the year?	**No**
• If yes, mention the amount	

11.Significant contributions made by IQAC during the current year (maximum five bullets)

• **The IQAC collects data related to students enrollment, faculty strength, Infrastructure, academic programs of all the departments and various sections of the college regularly. • Conducted awareness program on OBE and Choice Based Credit System. • Collected feedback on curriculum from all the stake holders. • Faculty and students are encouraged to register in online certification platforms like MOOCs and NPTEL programs. • Strengthen industry interaction collaborations with MoUs.**

12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
To introduce innovative Teaching – Learning methods during pandemic conditions	**Online education system was introduced as the students can easily access course materials and lectures at their convenience, allowing them to balance their education. Engaging with online education systems requires students to become proficient in using various digital tools and platforms. This exposure can improve their technological skills and digital literacy, which are increasingly important in today's digital world. In this context, a licensed version of Microsoft Teams was purchased.**

To bridge the gap between institute & industry	The identified gaps between the institute's curriculum and industry requirements were categorized based on the level of significance and urgency. Some gaps were found to be minor that were easily addressed, while others required extensive revision or development of new courses or programs. Faculty members and subject experts from both the institute and the industry were involved to validate the identified gaps and provide potential solutions. Their expertise has helped to bridge the divide between academia and industry and ensure the curriculum meets current and future needs. Revising existing courses, adding skill courses or modules, integrating practical experiences such as internships or cooperative education programs, or updating teaching methods and resources were the outcomes.
To improve the performance of students during placements	Training programs that focus on developing technical skills relevant to the industry or job roles were introduced to the students. This included programming languages, software proficiency and data analysis. Communication skills also play a vital role during placements as effective communication is crucial in the workplace. Students were trained on written and verbal communication, including professional email writing, presentation skills, active listening, and interpersonal communication, group discussions,

	presentations, and debates. Mock interviews were conducted and provided feedback to the students to enhance their interview skills. Guidance on resume building, including tips on crafting effective resumes and cover letters was also done. This is to help students to showcase their skills, experiences, and achievements in a way that aligns with employers' expectations. Provided ongoing support and mentorship to students throughout their training process. Offered individual guidance, counseling, and career coaching that has helped students to identify their strengths, set career goals, and navigate the job market successfully.
To Implement quality assurance mechanisms	To ensure the implementation of quality assurance mechanisms, the institute has taken several steps such as regular faculty and student feedback, course evaluations, peer reviews of teaching, academic audits, collaborate with external quality assurance agencies, conducted periodic reviews, collected data, and analyzed key performance indicators related to quality improvement. IQAC has maintained proper documentation of quality enhancement activities, outcomes, and reports to ensure transparency and accountability.
13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing Body	22/11/2021

14.Was the institutional data submitted to AISHE ?	**Yes**

- Year

Year	Date of Submission
26/02/2022	26/02/2022

15.Multidisciplinary / interdisciplinary

Multidisciplinary or interdisciplinary courses in the curriculum offer students a more comprehensive and well-rounded education, equipping them with the skills, knowledge, and mindset necessary to navigate the complexities of the modern world and make meaningful contributions to the society. DVR & Dr. HS MIC College of Technology designed the curriculum in such a way that students can gain knowledge from several disciplines to solve problems whose solutions are beyond the scope of a single discipline. This approach has been followed by offering open and professional electives at various levels of their program. Each branch of engineering offers three open electives in MIC 18 regulations, which can be chosen by the students based on their interest. For example a core engineering student desires to study Database Management System, Machine Learning and Data Mining so that the student can design Application related to their domain. To quench the knowledge thirst of ever enthusiastic students, minor/honors degrees are being offered, which make them to explore and study the subjects of other discipline. Students Working on interdisciplinary projects or collaborating with others from different background cultivates essential skills for effective teamwork and communication. Students learn to appreciate diverse perspectives, navigate conflicting viewpoints, and effectively communicate complex ideas to a diverse audience.

16.Academic bank of credits (ABC):

An academic bank of credits promotes flexibility, recognition of diverse learning experiences, and efficiency in the education

system. It aligns with the changing needs of learners and the evolving landscape of education, supporting lifelong learning and enhancing access and mobility in higher education. It also allows students to accumulate and transfer credits earned from different educational institutions.

In this context, knowing the importance of Academic Bank of Credits and also guidelines given by AICTE/UGC, the institute was registered in NAD portal. The registered ID of the Institute is NAD012214.

17.Skill development:

The very purpose of skill development is to make the students more employable. It is important to understand that knowledge doesn't guarantee skill, but the practice does. Theory knowledge can give an imaginative structure, but only practical knowledge can give a real exposure. We at MIC impart the skills at three levels. Skill development courses have been incorporated in the MIC20 curriculum along with training programs that focus on developing technical skills relevant to the industry or job roles.

As a part of implementing skill India mission skill oriented courses are introduced in the curriculum as per the APSCHE guidelines. In each department total 5 skill courses (3 courses are domain specific & 2 skill advanced courses) should be completed by a student for 10 credits out of 160 credits. The students are encouraged to complete skill oriented courses in collaboration with APSSDC.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

One of the important traits of an engineer is able to work in a team for which he needs to have an open mind, attitude of equanimity, amicable nature etc. To drive such notion in young minds, knowledge system is needed that ensures right understanding and clarity of living in harmony at all levels of human existence. Many cultures and civilizations over millennia have tried to evolve such knowledge systems. The Indian culture and civilization is one such example. Curriculum enhancement can be done by incorporating Indian knowledge systems, philosophies, and contributions across various disciplines. Also introduction of relevant texts, concepts, and practices from ancient Indian texts such as the Vedas, Upanishads, Ayurveda, Yoga, and Indian philosophy ensures that the Indian knowledge system can be appropriately integrated into the educational landscape, ensuring that students gain a holistic understanding of India's cultural heritage and its contributions to human knowledge and development. Keeping these objectives in view, courses named "Essence of Indian

Tradition and Knowledge", "Constitution of India" has been introduced in the curriculum as mandatory.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Outcome based education is an educational process, that involve assessment and evaluation practices that reflect the attainment of certain specified outcomes or attributes in terms of individual student learning. Once the key attributes or outcomes which are to be acquired by the students are decided, the course structures and curricula are designed to achieve those outcomes. MIC has been implementing OBE scrupulously since 2018, the year in which autonomous status has been conferred. Keeping in view the vision, mission of the college and departments as well, Program Educational Objectives(PEOs), Program Outcomes(Pos) and Programmes Specific Outcomes (PSO)s are formulated. While evolving these, feedback from stakeholders are considered. Once these outcomes are finalized by the Department Advisory Committee, course structure will be decided. Rubrics are formulated for theory and laboratory courses regarding assessment of COs. At the end of each semester COs are evaluated and attainment levels are determined. Attainment levels are compared with target values. Corrective measures to be taken will be requested from the respective faculty members, wherever attainment levels are poor.

Overall, an outcome-based education system offers several advantages, including improved clarity of learning objectives, enhanced alignment with industry needs, student-centeredness, customization, and the development of valuable skills and competencies. It supports quality education, accountability, and continuous improvement, ultimately benefiting students, institutions, and society as a whole.

20.Distance education/online education:

The institute doesn't award any degree through distance education/online education.

However online education system is in practice that enables the student to easily access course materials and lectures at their convenience, allowing them to balance their education. At present, online education is confined to expert lectures from eminent academicians from the premier institutions or Industry. Faculty members are making use of the Teachmint, Microsoft teams and other digital platforms whenever required.

Extended Profile

1.Programme

1.1	**12**
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1	**2770**
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	View File

2.2	**724**
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	**2694**
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1	**482**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

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3.2	**179**
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.3	**20**
Number of sanctioned posts for the year:	

4.Institution	
4.1	**410**
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	**76**
Total number of Classrooms and Seminar halls	
4.3	**1169**
Total number of computers on campus for academic purposes	
4.4	**489.45**
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The curricula developed and implemented are relevant to the local, national, regional and global developmental needs with well-defined learning objectives and outcomes at the programme and course level. Two bodies, namely the Board of Studies and the Academic Council, guide the departments and the Institute to prepare course curricula. The Institute and departments strictly follow the guidelines issued by regulatory bodies such as UGC, AICTE, affiliated university JNTUK, Kakinada and Andhra Pradesh State Council of Higher Education

(APSCHE) while designing curricula suited to the 21stcentury industrial expectations. The course structure and contents are thus oriented carefully to meet the learning outcomes.

The Institute also considers the views and suggestions expressed by the alumni on curriculum during reunion meets hosted by the Institute.Feedback is collected from various stakeholders to effectively design the curriculum structure. The Institute encourages the Faculty to conduct/ participate in various workshops, seminars and faculty development programmes, which helps the Faculty interact with academicians and industry experts from various reputed institutes. This initiative from the Institute's sideaids in designingthe curriculum effectively as per the industry's needs.

The recommendations of all these sources are presented proactively to the Board of Studies with detailed course structure and syllabi, and further recommendations of BoS are submitted to the Academic Council for approval.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	http://mictech.edu.in/images/pdfs/MIC18-Syllabus.pdf

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

12

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

439

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

18

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

12

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The Institute integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and

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Sustainability into the curriculum. The courses addressing these issues areEnvironmental Studies, Environmental Engineering-I, Professional Ethics and Human Values, Constitution of India, Essence of Indian Traditional Knowledge and Disaster Management. The Institute organizes various awareness programs and events by the NSS unit to create awareness among the studentcommunity about Human values, Ethics, Environment and Gender awareness.

The course titled Professional Ethics and Human Values has been introduced as part of the curriculum to enable the students to gain awareness of Engineering Ethics and Human values,instilmoral and social values and loyalty and also appreciate the rights of others.The Basic Engineering Department organizes the induction program on human values as part of the academic calendar to orient, motivate and instil human values in fresh minds.

Women Empowerment Cell:The Institute established a Women Empowerment Cell to facilitate a gender-sensitive and friendly environment on the campus; the cell takes care of the issues related to gender bias, if any and also specifies gender equality through International Women's Day celebrations. Due and proper importance is also given to empowering women's leadership.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

48

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	No File Uploaded
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

2676

File Description	Documents
List of students enrolled	View File
Any additional information	**No File Uploaded**

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1768

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	**No File Uploaded**

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	http://mictech.edu.in/iqac
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	http://mictech.edu.in/iqac
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

707

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

273

File Description	Documents
Any additional information	**No File Uploaded**
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The learning levels of the students are identified by the interaction of the Faculty with students in the class, and based on that, mentoring will be done by the respective mentor. Special care is extended to slow learners by conducting additional classes,and they are suggested to follow the standard pre-requisite books to understand the basics. Students' performance in co-curricular and extra-curricular activities is also considered to categorize the students as slow and advanced learners. The slow learners thus identified will be considered for bridge classes and monitored by their respective mentors. For advanced learners, opportunities are given to participate in various conferences, seminars, quiz competitions, and paper or poster presentations. In order to support and motivate the slow learners, the following measures are taken.

The performance of slow learners is improved through the following programmes:

- **In order to bridge the gap between courses offered and the students' knowledge, bridge course is conducted from time to time.**
- **Remedial classes are conducted to slow learners to guide them to reach the expected learning level.**
- **Mentoring sessions are conducted regularly, and records are maintained with the data of students' academic, extra and co-curricular activities.**
- **Guest lectures are conducted to make them aware of the advanced technologies and tools.**

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	http://mictech.edu.in/iqac

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2021	**2770**	**179**

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

In addition to traditional teaching-learning methods, theInstitute is highly interested in providing innovative methods for enriching the learning experience. The methodologies include experimental learning, participative learning and problem-solving methodologies. Thefacilities arranged by the Institute are:

Experimental Learning:

- **Proper importance is given to laboratory sessionswhile designing the curriculum.**
- **Skill courses are introduced to emphasize the importance of experimental and experiential learning.**
- **Industrial visits are frequently arranged for students to**

understand the concept of theoretical knowledge in a practical set-up.

- Summer internships are provided to have practical exposure.
- Industry-oriented mini-projects are encouraged so that students apply their theoretical knowledge.

Participative Learning

- Students are encouraged to participate in guest lectures, seminars and workshops organized by various reputed institutes and organizations.

- Students are encouraged to participate in technical contests like paper presentations, poster presentations, and model exhibition contests.

Problem-Solving Methodologies

- Students are motivated to solve real-world problems, develop new models, and exhibit them in competitions outside the Institute.

- Students are encouraged to take up the challenge of solving real-time problems as their project work.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Institute has infused ICT tools and online resources for effective teaching and learning processes. In this regard, all classrooms, seminar halls and auditoriums are equipped with ICT facilities, including LCD projectors with an internet connection, to make students understand the concepts easily by visually seeing the technology or concept. Institute motivates students and Faculty to register and learn from various MOOC platforms.

All faculty members effectively use the available ICT-enabled tools to implement the teaching-learning process. Many faculty members usethe learning material they developed and SWAYAM, NPTEL, YouTube, Coursera etc. The Central Library of our Institution is also

equipped with ICT tools. The Digital library provides facilities to access e-resources, ejournal articles, and e-books from any place. To maintain a digital platform and function smart, a Learning Management System is introduced incorporating the following items;\:

- Course Details
- Student details
- Faculty details
- Curricula details
- Academic assessments
- Course Materials

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://mictech.edu.in/iqac
Upload any additional information	No File Uploaded

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

111

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The academic calendars are prepared, in advance, to ensure

- Proper planning before the start of the semester for conducting classes, lab sessions and examinations.
- Effective teaching learning and fair continuous assessment to support teaching-learning.

The following procedure is followed in proper academic planning and monitoring

- Academic calendars are prepared keeping minimum working days duly considering national and public holidays, semester breaks, college fests, training programmes, and placement activities.
- Programme-wise academic calendars are prepared with semester-wise schedules.

- The Academic Council approves academic calendars,whichare informed to all stakeholders.

Course allotment: The Head of the Department allots the courses to the Faculty at the end of the previous semester to enable the faculty members to start preparations.

- The students decide elective courses in the curriculumas per their choice.
- Courses are allotted based on the criteria like faculty choice, expertise and previous experience.
- Subjects and laboratory hours are allotted to Faculty as per norms.

Preparation of timetables

- The overall timetable coordinator plans the schedule for standard slots, and department timetablecoordinators prepare the timetable in line withthe overall schedule.

Preparation of Course file: Faculty prepare course file with the following content:

- Syllabus content to be delivered
- Time table
- Teaching methodologies
- Assessment tools
- Contemporary developments

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

179

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

18

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

179

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

30

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

160

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The following significant reforms are implemented in the ExaminationManagement System

- **Examination schedules are prepared by adhering to institution**

- **Examination schedules are strictly prepared as per the Academic Calendar.**
- **Internal exams which includes, midterm examinations and assignments are conducted as per the schedules.**
- **The marks obtained by the students are posted in ERP(i-campus).**
- **All the examination tasks are integrated with Examination Management System using ERP. The institute uses electronic processes to publishing the examination schedules in the college website, conducting examinations on pre-printed bar-coded and OMR answer booklets, and post-examination task-declaration of results, and issue of grade cards.**
- **The question paper for the Semester End Examinations is also set by external members from premier institution.**
- **Special squad team comprises of internal faculty to take prompt actions by against malpractices.**

- **scriber for the Physically Challenged students is arranged as per norms**
- **Exams are conducted as per the seating arrangement with maximum capacity of 48 students per room.**
- **End examination answer scripts evaluated under single supervision of chief examiner.**
- **Chief examiner re-evaluates the answer scripts randomly from each bundle evaluated by each examiner to check the evaluation and pass necessary instructions to all evaluators from time to time.**

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	http://exams.mictech.ac.in/Login.aspx

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

In compliance with OBE, Cos, Pos and PSOs of all the programs offered by the institution are framed through discussion with Course Coordinator, Module Coordinator, Program coordinator and Department Academic Committee (DAC).The COs are in line with POs & PSOs of the department. The COs are published in academic regulations and curriculum book, and departmental website. They are made reachable to all the stakeholders of the program through institution website, faculty workshops, student awareness workshops, student induction programs and faculty meetings. The POs and PSOs are achieved through acurriculum that offers a number of courses. Each course has a defined set of COs that are mapped to the POs & PSOs. A set of performance criteria are used to provide a quantitative measurement of how well COs are achieved. The COs are thus directly and quantitatively assessed, and in turn contribute for attainment of POs and PSOs. Therefore, if the course outcomes are attained, it provides direct quantitative evidence that POs and PSOs are attained. The course outcomes of each course are mapped to the Program Outcomes with a level of emphasis being substantial, moderate and slight.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	http://mictech.edu.in/iqac

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The attainment of course outcomes is evaluated by direct and indirect methods.

- **Mid examination, Unit test, Semester End Examinations are considered for Direct assessment of COs.**
- **Course End Survey is considered as a indirect assessment tool CO attainment.**
- **Assessment of assignments are also considered as a direct assessment tool for CO attainment**
- **Rubrics are formulated for the assessment of laboratory, mini project, major project, seminar and internship courses.**
- **The expected level of course outcomes is set by PAC at the beginning of the semester based on the previous COs attainment record.**
- **The performance of the students in the examinations during the semester in each course is used to compute the level of direct attainment of the COs.**

Attainment of POs and PSOs:

a) Direct assessment:

The performance of the students in the examinations during the semester in each course is used to compute the level of attainment of the POs and PSOs through the mapping of questions to COs and Cos to POs and PSOs. CO-PO & PSO mapping for all the courses in the program are prepared by Module Coordinators and approved in the Department Academic Committee .

b) Indirect assessment:

Graduate exit survey

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	http://mictech.edu.in/iqac

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

724

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	**No File Uploaded**
Paste link for the annual report	**Nil**

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

http://mictech.edu.in/iqac

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The Institute continuously encouragesfaculty members and students to conduct research in their respective areas with a well-defined Research and Development Policy. The Institute always provides all the facilities to promote campus research activity to students and Faculty to carry out research work and bring shape to their innovative ideas. Faculty are further encouraged to apply for various funding agencies to pursue their research for product development. However, the Institution is ready to provide funding based on the merit of proposals submitted by the Faculty. The

Faculty and students are encouraged to present their ideas before the R&D wing of the Instituteto get the sanction of seed funding following institution guidelines. The Institute encourages the Faculty by providing incentives for peer-reviewed publications and patents. The research proposals submitted by the Faculty to various funding agencies are reviewed by expert committees at both the Department and central levels. These committees also ensurethe non-violation of research consultancy ethics, professional ethics, and people's privacy.Stringent efforts are underway to establish research facilities in the college according to the needs of stakeholders. Further, the college encourages the Faculty and students to participate in external conferences, FDPs, workshops and symposia to know the latest trends in technology by interacting with scientists who have been working on the latest technologies.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	**No File Uploaded**
Provide URL of policy document on promotion of research uploaded on the website	http://mictech.edu.in/iqac
Any additional information	**No File Uploaded**

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

2.66

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	**No File Uploaded**
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	**No File Uploaded**
List of teachers and details of their international fellowship(s)	<u>View File</u>
Any additional information	**No File Uploaded**

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

3.55

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<u>View File</u>
List of projects and grant details	**No File Uploaded**
Any additional information	**No File Uploaded**

3.2.2 - Number of teachers having research projects during the year

8

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**
List of research projects during the year	<u>View File</u>

3.2.3 - Number of teachers recognised as research guides

00

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	**No File Uploaded**
Institutional data in Prescribed format	[View File](#)

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

5

File Description	Documents
Supporting document from Funding Agencies	[View File](#)
Paste link to funding agencies' website	**Nil**
Any additional information	**No File Uploaded**

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

1. R&D and Start-up Policy

R&D & Start-up Policy is in place that facilitates students and Faculty to carry out innovation activities in tune with remarkable technological developments.

2. Resources

The Institute has established a dedicated research cell named College Research and Development Cell to promote research activities in the college.The objectives of CRDC are:

- **To advise, encourage, review and monitor the progress of research & development in the Institute along with consultancy.**
- **To provide guidelines for publishing papers in journals and conferences**
- **To recommend to management and arrange for internal funding and adequate infrastructural support.**
- **To scrutinize minor/major research project proposals for**

forwarding to sponsored funding bodies.
- To help establish technology incubation centres and research centres.
- To encourage researchers to patent their research outcomes and to solve societal problems.

3. Collaborations

Institute has several MoUs to undertake collaborative activities for innovation, incubation and IPRs.

4. Activities

- Projects and internships in the curriculum have embedded innovation as the nucleus of the curriculum.
- Every year Innovative and entrepreneurship activities are conducted as per the guidelines of the Innovation Cell.
- The Institution encourages the students to participate in Idea competitions conducted by recognized bodies and institutions of reputation.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

38

File Description	Documents
Report of the events	No File Uploaded
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee   B. Any 3 of the above

Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	**No File Uploaded**
Any additional information	**No File Uploaded**

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

0

File Description	Documents
URL to the research page on HEI website	**Nil**
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<u>View File</u>
Any additional information	**No File Uploaded**

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

21

File Description	Documents
List of research papers by title, author, department, and year of publication	<u>View File</u>
Any additional information	**No File Uploaded**

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

4

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

35

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

9

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0.48

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	[View File](#)
List of consultants and revenue generated by them	[View File](#)
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0.48

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	[View File](#)
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The institute takes up several extension activities for the benefit of community. These service activities make the student to expose to social woes.

The institute organized several extension activities related to precautions against the COVID. The steps taken by college during pandemic situation were use of masks, sanitization, hand wash, social distance and support to needy people. In addition to above, students also actively participate in tree plantation and removal of waste as a part of Swachh Bharath activities. In order to protect environment, the institute promotes eco-friendly clay Ganesh Idol

distribution. As a part of health related activities, students and faculty were actively participating in blood donation camps.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

00

File Description	Documents
Number of awards for extension activities in during the year	<u>View File</u>
e-copy of the award letters	**No File Uploaded**
Any additional information	**No File Uploaded**

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

13

File Description	Documents
Reports of the events organized	<u>View File</u>
Any additional information	**No File Uploaded**

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1724

File Description	Documents
Reports of the events	<u>View File</u>
Any additional information	**No File Uploaded**

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

5

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

12

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	No File Uploaded

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The college has excellent infrastructural facilities spread over 29.54 acres of land. Lush lawns and greenery have been developed in the campus to attain an eco-friendly environment.

The college has the following strengths:

- The Institution has 70 spacious classrooms and 67 laboratories with adequate lighting and good ventilation.
- All classrooms are well furnished with benches, podiums and Light glass board.
- All Laboratories are equipped with state-of-the-art facilities with periodic maintenance, mainly system maintenance, antivirus updations, software updations, calibration and servicing.
- Air-conditioned Conference Halls are used for department-level

staff meetings, research discussions, presentations during expert committee visits and mock interviews before placements.

- A Seminar Hall of 150 capacity is equipped with an LCD projector with LED screen, wi-fi, Audio and Video facilities and internet in departments
- An entirely air-conditioned Auditorium with 512 seating capacity is equipped with an LCD projector, LED screen and internet.
- The Library has a collection of 48,000volumes of books with 9302 titles. It also provides a digital Library, and it has subscribed to e-journals.
- The entire campus is facilitated with mobility-aware wi-fi connectivity and with abundant bandwidth. All computers are connected to the campus network with a 1GBPSfibre optic backbone.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	http://mictech.edu.in/facilities

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

The Institution has two separate bodies to supervise sports and extra-curricular activities in the college. The college hasa separate physical education department that trains students in various sports and games. The college has 10 acres of land for playing Cricket, Football, Volleyball, Badminton, Khokho, Tennicoit, Throwball and Kabadi. The college regularly hosts inter University zonal tournamentson campus. Facilities for the long jump, high jump, shot put, and disc throws are provided. The college has also provided facilities for indoor games such as Table Tennis, Badminton, Chess, carroms etc., as part of the Department of physical education.

As part of the Initiative For Co-Curricular & Extra Curricular(ICE) Activities, yoga classes are conducted for students and Faculty. It is our regular practice to conduct cultural events for students on the occasion of Independence Day, Republic Day and some other important days of freedom fighters. We also provide training from outside experts on music and dance as a part of the annual MICFEST.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	**No File Uploaded**
Paste link for additional information	http://mictech.edu.in/facilities

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

76

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

489.45

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

MICT Library has an extensive collection of documents consisting of books, periodicals, journals, Project Reports, e-Books, e-journals, CDs etc. It caters to the needs of students, Faculty and supporting staff. It has computerized its housekeeping activities using NewGenLib software, an integrated multi-tier library management system that supports all in-house operations of the Library. The NewGenLib consists of modules on Acquisition, Technical processing, Circulation, Serial management, Administration, Reports, Queries and Utilities.

More than 50000 Bibliographic records of books available in the Library can now be accessed through the NewGenLib OPAC (Online Public Access Catalogue). The database of books available in the Library is being updated on a day-to-day basis with details of recently acquired books. All Library patrons' records have also been created in the NewGenLib software. All the books and library resources are bar-coded, and patron's ID cards are also bar-coded for computing the per-day usage of the Library.

It has a Digital Library with more than 50 systems with Internet facilities. Students and Faculty can browse e-resources and e-databases. The library maintains a Biometric login of users to analyze the daily physical footfalls.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://mictech.edu.in/facilities

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources   A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	[View File](#)
Upload any additional information	[View File](#)

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

0.672

File Description	Documents
Audited statements of accounts	View File
Any additional information	**No File Uploaded**
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

93

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The college campus has a well-established state-of-the-art IT infrastructure and facilities. The campus intranet is equipped with a 1 GBPS Multimode fibre optic backbone network, supplemented with a wi-fi facility that supports various services such as the college website, Fee management software, Autonomous Student Portal, library information system etc. The campus has 1200 computers for academic & administrative purposes, scattered across 13 labs exclusive for students connecting to the college network with an IP address.

The data centre has 24-hour power backup and standby facilities to provide 24/7 services. The campus is under 24x7 electronic surveillance with cameras installed at different college services (ITSS) places with exclusive Non – teaching staff.

The college upgraded the internet from 120 MBPS to 220 MBPS ILL in 2019. Internet access is provided in labs, Library and offices of all Departments, faculty cabins, academic office, management office, seminar halls, and auditorium. Hostels are enabled with Wi-fi Internet access. The college ensures that all the software required for academic activities are licensed.Microsoft Teams was used as a platform for Online classes during the pandemic.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://mictech.edu.in/facilities

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2770	1169

File Description	Documents
Upload any additional information	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	No File Uploaded
Upload any additional information	[View File](#)

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

489.45

File Description	Documents
Audited statements of accounts	[View File]()
Upload any additional information	**No File Uploaded**

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

General maintenance:The central maintenance department looks after the maintenance of buildings and various utilities such as water, plumbing, electrical, carpentry and other related issues. The routine cleaning of classrooms, roads and washrooms will be done as per the schedule given to the staff. The maintenance department prepares and maintains routine checklists and preventive maintenance schedules. The concerned faculty/lab technician will raise the maintenance works-related issues of the Department. The central maintenance department will do the work allocation.

Maintenance of computer systems, networking, and internet facilities:An ITSS department is constituted in the Institute to look after all the issues related to the services mentioned above. Based on the complaint raised by each Department, the technical person will resolve the issue.

Library Services:The College Library System consists of a Central Library and six departmental libraries, which collectively support the teaching, research and extension programmes of the Institute. All students, faculty members and employees of the Institute are entitled to use the Library facilities by taking a library membership.

Laboratories:The lab faculty incharge and technicians of the lab ensure the regular maintenance and that all the equipment is in good working condition.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	http://mictech.edu.in/facilities

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1865

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Institutional data in prescribed format	**No File Uploaded**

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology   **A. All of the above**

File Description	Documents
Link to Institutional website	http://mictech.edu.in/
Details of capability development and schemes	View File
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

385

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

385

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**

5.2.2 - Number of outgoing students progressing to higher education

19

File Description	Documents
Upload supporting data for students/alumni	**No File Uploaded**
Details of students who went for higher education	View File
Any additional information	**No File Uploaded**

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

21

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	**No File Uploaded**

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

0

File Description	Documents
e-copies of award letters and certificates	**No File Uploaded**
Any additional information	**No File Uploaded**

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The students across all the years of study from all the branches of engineering and technology are actively involved in the following Committees to receive and consider their views for achieving a better academic ecosystem. • Anti-Ragging Committee • Women Empowerment Grievance Cell • Initiative for Cocurricular and Extra Curricular Activities • Hostel Committee • Canteen Committee • Teachers Day, Engineers Day, Technical Fest, Annual Sports and College Day committees. • Student chapters of IETE, ISTE, IEI, CSI, ASME etc. In addition, student representatives are included in Student Welfare Committee. Student members represent the various issues and present their ideas at committee meetings. Their suggestions are given due importance in arriving at decisions.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

5.3.3 - Number of sports and cultural events / competitions organised by the institution

8

File Description	Documents
Report of the event	**No File Uploaded**
List of sports and cultural events / competitions organised per year	<u>View File</u>
Upload any additional information	**No File Uploaded**

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to

the development of the institution through financial and other support services

The Institution has an alumni association called "MIC OLD STUDENTS ASSOCIATION (MICOSA)" MICOSA. MICOSA was formed in 2006 when the first batch (2002-06) graduated. This association was initiated by the then Principal, Prof N.Krishna and Vice-Principal,Prof.D.Panduranga Rao. Each graduating student has contributed Rs.200 from their caution deposit for the association. The college has deposited this amount in a separate account for the conduct of yearly meetings and other association activities. It has decided to have its annual meeting every year from 2010 in September and October according to the convenience of the association's members.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year   E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The Vision and Mission statements define the Institute's distinctive characteristics in addressing the needs of stakeholders.In adherence to the Institute'sVision and mission, the Governing body was constituted as per the norms of regulatory bodies. The Management and Principal actively participate in governing body to ensure policy statements and action plans are designed to achieve the Institute's mission. The Members of the Management, Principal and other officials are always available to present their views and

ideas to the Faculty. The opinions of Faculty and staff will be considered positively for evolving policies. The Principal is the key person who frames the rules and regulations after consulting governing body and academic council. The principal regularly reviews the action plans' outcomes by meeting with various committees. The management reviews the quality policy and makes amendments if required. Heads of the departments are responsible for ensuring effective teaching-learning methodology and monitoring systems. Non-statutory committees are headed by senior faculty members who assist the Principal both in administration and academic activities. Faculty play a proactive role in the academic and administrative activities of the Institution. The freedom of action motivates Faculty to creative and innovative practices, coordination and teamwork.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	http://mictech.edu.in/governing-body

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The college ensures decentralization, thus delegates work at different levels ensuring good governance. Allocation of the budget is based on the proposals received from the Department and once it is approved for a financial year, various operations can be performed by the HOD, as envisaged in the approved budget. The HOD has the authority in deciding the activities and delegating the responsibilities to the staff members of the Department. The Department decides on timetable, subject allocation, purchase and maintenance of equipment and consumables, organizing guest lectures and workshops and recommends necessary industrial visits,MoUs and work towards achieving its Vision and mission.

Administration: In the Institute, there is freedom to organize the administrative activities in accordance with the institutional policies. It has inculcated the practice of hearing the voices of all concerned. Every week, the HODs meeting with Principal will be held and the views of all HODs will be taken into cognizance before a decision is taken. Similarly, department faculty meetings are held regularly where internal issues within the Department are discussed and the deliberations of HODs meeting are discussed. Leadership in MICT always recognizes the significance of listening and

interpreting the employees' views and practices this culture meticulously.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Curriculum Development

Curricula are prepared by all Departments taking guidelines from AICTE Model Curriculum , JNTUK curriculum and Curricula adopted at other Premier Institutions and by Considering Industry needs and Technological Challenges. Constituting Board of Studies (BoS) with members from NITs, IITs, Alumni and Industry. appointing alumni as members of Board of Studies who involves in the design and development of curriculum and receiving feedback from the employers and alumni on existing curriculum for the required improvement and innovation are the key elements in this process. In our Current Regulation, courses are added to enhance the employability skills and improve self-learning. capability (MOOCs). Internships are included to meet industry requirements.

Industry Interaction / Collaboration

Library, ICT and Physical Infrastructure / Instrumentation

Teaching and Learning

• Provision of State-of-the art learning resources in Central Library Information Centre and department libraries.

• Structured course files and lab manuals on all courses

Research and Development

In order to promote, encourage, guide, and monitor research and

development in the Institute, CRDC has been constituted.

Admission of Students

• 70% of the admissions are done by Convener, EAMCET, Andhra Pradesh through State Government.

• Remaining 30% of the admissions are done by the management .

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	http://mictech.edu.in/iqac
Upload any additional information	**No File Uploaded**

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

The Institution has a decentralized and well transparent administrative setup. Chairman is the functional head of the college. He mainly concentrates on development of education and growth of the Institution. The Governing Body gives constructive suggestions to the management for effective decision making and to meet the Vision andMission and the needs of the stakeholders. Chief executive officer of the college coordinates between the sponsoring society, college management committee and other systems of management in the college. Principal is the head of the Institute who acts as a bridge between the management, staff and students. Controller of examinations (CoE) takes care of the responsibilities of Autonomous examination system and reports to Principal. HOD is responsible for the functioning of that Department as per the laid down policies of the college.

Institute has four statutory bodies i.e Governing Body, Academic Council, Finance Committee, Boards of Studies and various non statutory bodies with defined roles and responsibilities both at institute and department level.

All the recruitments are made transparent by duly advertising the posts in leading dailies / online and conducting interviews by involving subject experts.

Service rules, various policies such as recruitment, promotion are

available for the functional aspects of the Institution.

File Description	Documents
Paste link to Organogram on the institution webpage	http://mictech.edu.in/governing-body
Upload any additional information	View File
Paste link for additional Information	**Nil**

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

B. Any three of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	**No File Uploaded**
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	**No File Uploaded**

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The following are the welfare measures extended to the teaching and non-teaching staff of the Institute:

Teaching

• Free Transport facility for Professors and Associate professors and subsidized transport charges for remaining staff members. • Incentives, Promotions and increments are given regularly. • Maternity leave and post maternity leave are provided once. • Earned Leave, Employee provident fund, Medical Leave is provided. • Sponsorship to Workshops/ Seminars/Refresher courses, registration Fees are provided besides on duty or special casual leave. • Group mobile plans are provided based on the necessity.

Non-teaching

• Free Transport facility for Professors and Associate professors and subsidized transport charges for remaining staff members. • Incentives, Promotions and increments are given regularly. • Maternity leave and post maternity leave are provided once. • Earned Leave, Employee provident fund, Medical Leave is provided. • Sponsorship to Workshops/ Seminars/Refresher courses, 100 registration Fees are provided besides on duty or special casual leave. • Group mobile plans are provided based on the necessity.

Students

• Gold medals and merit awards will be given to the meritorious students. • Canteen provision with subsidized price • Dispensary on the college campus • Group Insurance for the students while visiting industries.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

17

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<u>View File</u>

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

00

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

86

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The college regularly conducts audits for the financial activities carried out in the Institution every year. Accounts department maintains financial accounts, prepares financial statements audited by external auditor and submits them to all the statutory bodies like AICTE, UGC and State Government as and when required.

The Principal constitutes an Internal Audit Committee which conducts audit on a Sampling basis to check the correctness of the financial transactions and statements of the Institution. The Committee verifies Cashbook, Bank accounts, Ledgers, Bills, Vouchers, and statement of cash position and cash flow physically and conducts sample check on the heads of various accounts, balance dates, and postings.

Accounts of college are audited by a charted accountant regularly as per government rules. Auditor ensures that all payments are duly authorized after audit, report is sent to the management for review. Any queries, in process of audit would be attended immediately along with supporting documents within the prescribed time limits. Audited

statement is duly signed by authorities of management and chartered accountant.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	No File Uploaded
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The different sources for mobilizing the funds is as follows

1. Tuition fees from students

The major source of revenue generation is tuition fees collectedfrom students.The fee is collected from students' asper the guidelines issued by the fee fixation committee of stategovernment of Andhra Pradesh.

2.Sponsored research and Consultancy

Mobilization of funds is also donethrough sponsored projects from Government agencies and consultancy projects.

An annual budget is prepared to ensure optimal utilisation offinancial resources, based on the estimates received from the departments and functional units of the Institution. The GoverningBody approves the Budget of various departments and sections of the institution for the Financial Year. Audit is performed periodicallyto ensure whether the budget is optimally

utilized or not. Theresources in the form of facilities and equipment are maintained toensure optimum performance.In any unforeseencircumstances, non-budgeted amount is considered and allotteddepending on the merit of the case. The requests are consolidatedand reviewed by the Administration team and funds are allotted.Utilization of allocated funds are monitored periodically andreviewed at the end of the Financial Year.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvementsare made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

IQAC has contributed significantly for institutionalizing the quality assurance strategies and processes. Among the various initiatives, a few are listed here:

1. Conduct of academic and administrative audits:

The academic audits are conducted regularly to review the quality of academic processes and strategies and functions of various administrative departments.

The objective of academic and administrative audit is to review the quality of the academic process and assessment of policies, strategies and functions of various administrative departments, control of overall administrative system. This audit helps to improve the quality in teaching learning process by ensuring following activities:

- Improving and encouraging students to participate in technical contests both within and outside the college.
- Conducting seminar and workshops to students on advanced technologies.
- Encourage to conduct and participatein faculty development programmes for Faculty.
- Encouragement of Faculty to participate in conferences to present papers, attend FDPs outside the college.
- Feedback from all the stakeholders regarding design and implementation of curriculumand Feedback from students regarding teaching-learning process and corrective measure.

2.Faculty academic enrichment

IQAC cell is continuously encouraging the faculty expertise to enrich their skills by encouraging them to attend NPTEL courses.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	http://mictech.edu.in/iqac

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Institute regulary reviews its teaching-learning process through following actvities

Class Delivary Review report, Students feedback, Stakeholders feedback on curriculum,Projects and Internships, Participation in Hackthon and model competetionnz,Industrial Visits, Attainment of Outcomes.

Criteria Initiatives implemented

1. Developement of OBE through its curriculum, Certification courses and Value added courses, MoUs with industry to enrich the student knopwledge.

2.Innovative teaching learning methodology through LMS and NPTEL Active chapter, Refroms in assessment and Evaluation process,NAAC Accreditation

3 Seed money, Consultancy, Publications in reputed journals, Expert

talks on current trends andand entrepreneurship development programs.

4 ICT enabled Class rooms and Seminar Halls, Digital Library Facility.

5 Organized training programs onsoft skills, Career Guidance and competetive exams. Enhancement in Placements

6 Automation in academic administration, finance, student support, and examinations.

7 Innovative Best Practices

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	http://mictech.edu.in/iqac
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

DVR & Dr. HS MIC College of Technology has taken several measures for Gender Equity. The Institute is continuously encouraging the women faculty by providing an opportunity to lead the departments as Heads of the Department and they are given coordinatorship for several activities. Female students are regularly counselled on women health and safety by women grievance cell led by senior female faculty. Female students are encouraged to take part and to lead cocurricular and extra-curricular activities. The Institute celebrates "Women's" Day regularly where famous personalities are invited to share their life experiences to motivate the students.

With reference to safety and security- Counseling, waiting halls for female students, separate space in the canteen and dedicated hostel for girls are provided. All the waiting halls are provided with adequate furniture and proper ventilation. Regular counseling programs by ICC and women's grievance cell are in practice.Safety and security of girls is top priority in the campus.CCTV surveillance with high resolution are installed at key points in campus as well as hostel, with facility of distributed recording in control room in the campus; entry of unwanted elements is monitored through these cameras.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy   Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

MIC is strongly committed towards wastemanagement. It advocates conservation ofresources, especiallynatural resources, to generate minimal waste and manage it from itsinception to its final disposal.

Solid waste management: The sources of solid waste in the college are food waste from canteen and hostels and waste from greenery and plants. Every Department creates some waste and dumped in small waste binlocated indepartment.Dust bins areplaced at several locations of the college from wherehousekeeping staff take wastes.Routinewaste is daily collected in dustbins at different locations, whichare emptied in movable containers, carts and segregated before taking them todumping yard.

Liquid Waste Management: Conservation of water is done by taking several steps like closing of taps after usage, monitoring of valves in supply system and regularmaintenance to avoid leakage. The liquid waste generated out of various sanitary fittings in every Department is collected through a closed drainage system and connected to a septic tank. Septic tanks are provided for all buildings for the collection and treatment of liquid waste. while storm sewage is collected and conveyed to nearby public open drain at the time of rains.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	No File Uploaded
Any other relevant information	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

    A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Geotagged photos / videos of the facilities	[View File](#)
Various policy documents / decisions circulated for implementation	**No File Uploaded**
Any other relevant documents	**No File Uploaded**

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

    E. None of the above

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	**No File Uploaded**
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	<u>View File</u>
Policy documents and brochures on the support to be provided	**No File Uploaded**
Details of the software procured for providing assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

The Institution has an inclusive environment for co-existence of people coming from different cultures, socio-economic diversities, regions and religions. The college has made steps to create peace, tolerance and harmony among students and Faculty.The college maintains complete transparency in admission process where students come from different district on merit basis. The Institution also encourages the Faculty and students to involve in community services

to develop harmony and holistic environment. The college is continuously involved in various programmes for welfare of the society.

The college strongly believes in equality of all traditions as is evident from the fact that students from different regions, religions and caste are studying without any discrimination. The college avoids the segregation of students on socio-economic basis and provides equal opportunities for all the students. To promote cultural and regional heritage, the Institution annually conducts MICFEST where students are exposed to various dance forms and musical instruments.

In order to maintain a ragging freeevnvironment on the campus, the Institution forms an Anti-ragging cell to maintain tolerance and harmony amongstudents. Grievances cell which is headed by senior faculty members address the grievances among students to maintain harmony in the college.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	**No File Uploaded**

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

MIC aspires to build holistic development to its students and employees and accords due emphasisoninculcatingConstitutionalandSoci alresponsibilities.Institute hasidentified social responsibility as one of the major priorities upon which the students and employees learn ethicalvalues and responsibilities. Hence the Institute promotescommunity service as a mandatory program to inculcate the sense ofsocial responsibility and to provide platform for self-learning andgroup learning mechanisms in future life.The college offered one mandatory course, constitution of India in all UG programs to sensitize the students about constitutional obligations. The Institution also provides awareness on constitutional provisions to both students and Faculty by conducting seminars and guest lectures. The Institute regularly conducts various competitions among the students for moulding them as responsible citizens. Every year college celebrates both Republic and Independence day where Principal addresses the constitutional obligations and students responsibilities. Students of our college actively participate in

blood donation camps under NSS unit and also take part in many plantation and cleanliness programmes both inside and nearby villages by considering it as responsibility of every citizen.Students and faculty come forward to extend financial help to the affected people in natural calamities.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

C. Any 2 of the above

File Description	Documents
Code of Ethics - policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

To remember our national pride, the Institute regularly celebrates

Republic day on January 26th

International Women's day on 8th March

International Yoga day on June 2nd

Independence day on August 15th

Teachers' day on Sepetember 5th

Engineer's dayon 15th September 15th

As part of Republic day on 26th January and Independence day on 15th August, college hoists the national tri colour flag.Students sing national anthem and other patriotic songs after unfurling the flag. ICE organizes the Teacher's day regularly on September 5th in memory of Dr.S Radha Krishnan. The college conducts essay writing, elocution and debates among the students. The institutes annually organize Technical Events, AAGAMA on September 15th as part of engineer's day celebration. Famous educationalist and industrialist are invited for these celebrations.

Every Year NSS Unit of College celebrates Voter's Day on 25th January to create awareness to youth about the importance of vote in democracy andtheir electoral rights.Principal delivers Voter's Day message and importance.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	No File Uploaded
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

BEST PRACTICE 1: Enhancing employability skills

Improving employability skills is crucial for any individualseeking to enhancejob prospects and to excel in the workplace.Communication Skills,Critical Thinking and Problem-Solving,Teamwork and Collaboration,Leadership Skills,Time Management,Networking and Professionalism etc., are some of the aspects that are essential to be dynamic at work place.

We at MIC, entrust this to Professional trainers, who were assigned tohandletraining classes on Technical topics, Aptitude, Verbal and Non verbal Reasoning,

Personality development programs were conductedregularly to enhance the interpersonal skills.Mock interviews were conducted to face the interviews confidently.

Best practice-II :Honing leadership qualities among students through consistent and efficient mentoring of the students

Honing leadership qualities among students is a valuable endeavor thathelps them develop requiredskills, boost their confidence, and prepare them for future to handle any kind of roles of responsibility.

• All the departments formed their respective student Associations / Clubs. These Associations aim to conduct the technical events on current trends in technology in order to improve technical skills of the students. • The college also organizes various co-curricular and extra-curricular activities through an exclusive department ICE – Initiative for Co-Curricular Extra-curricular Activities

File Description	Documents
Best practices in the Institutional website	http://mictech.edu.in/iqac
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

The thrust areas concentrated to achieve Vision are

- Outcome Based Education
- Collaboration with skill centers to train the faculty on advanced technologies.
- Projects on society relevant problems

The major thrust in all the activities run by MIC is to improve the rural society around the college . Providing technical education of good standards to the young students at affordable level specifically happens to be one such important dimension. With this

view MIC Odyssey began in 2002, and progressed by considering many other dimensions. The quality of technical education offered at MIC is enriched through Employability enhancement programs. This leads to better placement and higher studies for these rural students. This in turn contributes towards rural development.

Institution's vision is nurture excellence in the field of Engineering by imparting quality technical education,. In the process of creating competitive learning environment, college established Skill centers, Innovation centers, Professional societies, and clubs. Initiative For Co-Curricular & Extra Curricular Activities (ICE) is one such club actively involved in active student interaction.

Institution has an effective conjunction among teaching, researchand extension. Each department arranges guest lecturers periodically addressed by the eminent persons from Industry, Academic and Research Institutions.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The curricula developed and implemented are relevant to the local, national, regional and global developmental needs with well-defined learning objectives and outcomes at the programme and course level. Two bodies, namely the Board of Studies and the Academic Council, guide the departments and the Institute to prepare course curricula. The Institute and departments strictly follow the guidelines issued by regulatory bodies such as UGC, AICTE, affiliated university JNTUK, Kakinada and Andhra Pradesh State Council of Higher Education (APSCHE) while designing curricula suited to the 21stcentury industrial expectations. The course structure and contents are thus oriented carefully to meet the learning outcomes.

The Institute also considers the views and suggestions expressed by the alumni on curriculum during reunion meets hosted by the Institute.Feedback is collected from various stakeholders to effectively design the curriculum structure. The Institute encourages the Faculty to conduct/ participate in various workshops, seminars and faculty development programmes, which helps the Faculty interact with academicians and industry experts from various reputed institutes. This initiative from the Institute's sideaids in designingthe curriculum effectively as per the industry's needs.

The recommendations of all these sources are presented proactively to the Board of Studies with detailed course structure and syllabi, and further recommendations of BoS are submitted to the Academic Council for approval.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	http://mictech.edu.in/images/pdfs/MIC18-Syllabus.pdf

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

12

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	**No File Uploaded**

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

439

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

18

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

12

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The Institute integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the curriculum. The courses addressing these issues areEnvironmental Studies, Environmental Engineering-I, Professional Ethics and Human Values, Constitution of India, Essence of Indian Traditional Knowledge and Disaster Management. The Institute organizes various awareness programs and events by the NSS unit to create awareness among the studentcommunity about Human values, Ethics, Environment and Gender awareness.

The course titled Professional Ethics and Human Values has been introduced as part of the curriculum to enable the students to gain awareness of Engineering Ethics and Human values,instilmoral and social values and loyalty and also appreciate the rights of others.The Basic Engineering Department organizes the induction program on human values as part of the academic calendar to orient, motivate and instil human values in fresh minds.

Women Empowerment Cell:The Institute established a Women Empowerment Cell to facilitate a gender-sensitive and friendly environment on the campus; the cell takes care of the issues related to gender bias, if any and also specifies gender equality through International Women's Day celebrations. Due and proper importance is also given to empowering women's leadership.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

48

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	No File Uploaded
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

2676

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1768

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

1.4.1 - Structured feedback and review of the	A. All 4 of the above

syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

File Description	Documents
Provide the URL for stakeholders' feedback report	http://mictech.edu.in/iqac
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following | **A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	http://mictech.edu.in/iqac
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

707

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

273

File Description	Documents
Any additional information	**No File Uploaded**
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The learning levels of the students are identified by the interaction of the Faculty with students in the class, and based on that, mentoring will be done by the respective mentor. Special care is extended to slow learners by conducting additional classes,and they are suggested to follow the standard pre-requisite books to understand the basics. Students' performance in co-curricular and extra-curricular activities is also considered to categorize the students as slow and advanced learners. The slow learners thus identified will be considered for bridge classes and monitored by their respective mentors. For advanced learners, opportunities are given to participate in various conferences, seminars, quiz competitions, and paper or poster presentations. In order to support and motivate the slow learners, the following measures are taken.

The performance of slow learners is improved through the following programmes:

- **In order to bridge the gap between courses offered and the students' knowledge, bridge course is conducted from time to time.**
- **Remedial classes are conducted to slow learners to guide them to reach the expected learning level.**
- **Mentoring sessions are conducted regularly, and records are maintained with the data of students' academic, extra and co-curricular activities.**
- **Guest lectures are conducted to make them aware of the advanced technologies and tools.**

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	http://mictech.edu.in/iqac

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2021	2770	179

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

In addition to traditional teaching-learning methods, theInstitute is highly interested in providing innovative methods for enriching the learning experience. The methodologies include experimental learning, participative learning and problem-solving methodologies. Thefacilities arranged by the Institute are:

Experimental Learning:

- Proper importance is given to laboratory sessionswhile designing the curriculum.
- Skill courses are introduced to emphasize the importance of experimental and experiential learning.
- Industrial visits are frequently arranged for students to understand the concept of theoretical knowledge in a practical set-up.
- Summer internships are provided to have practical exposure.
- Industry-oriented mini-projects are encouraged so that students apply their theoretical knowledge.

Participative Learning

- Students are encouraged to participate in guest lectures, seminars and workshops organized by various reputed institutes and organizations.

- Students are encouraged to participate in technical contests like paper presentations, poster presentations, and model exhibition contests.

Problem-Solving Methodologies

- **Students are motivated to solve real-world problems, develop new models, and exhibit them in competitions outside the Institute.**

- **Students are encouraged to take up the challenge of solving real-time problems as their project work.**

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional Information	**Nil**

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Institute has infused ICT tools and online resources for effective teaching and learning processes. In this regard, all classrooms, seminar halls and auditoriums are equipped with ICT facilities, including LCD projectors with an internet connection, to make students understand the concepts easily by visually seeing the technology or concept. Institute motivates students and Faculty to register and learn from various MOOC platforms.

All faculty members effectively use the available ICT-enabled tools to implement the teaching-learning process. Many faculty members usethe learning material they developed and SWAYAM, NPTEL, YouTube, Coursera etc. The Central Library of our Institution is also equipped with ICT tools. The Digital library provides facilities to access e-resources, ejournal articles, and e-books from any place. To maintain a digital platform and function smart, a Learning Management System is introduced incorporating the following items;\:

- **Course Details**
- **Student details**
- **Faculty details**
- **Curricula details**
- **Academic assessments**
- **Course Materials**

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://mictech.edu.in/iqac
Upload any additional information	**No File Uploaded**

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

111

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The academic calendars are prepared, in advance, to ensure

- **Proper planning before the start of the semester for conducting classes, lab sessions and examinations.**
- **Effective teaching learning and fair continuous assessment to support teaching-learning.**

The following procedure is followed in proper academic planning and monitoring

- **Academic calendars are prepared keeping minimum working days duly considering national and public holidays, semester breaks, college fests, training programmes, and placement activities.**
- **Programme-wise academic calendars are prepared with semester-wise schedules.**

- **The Academic Council approves academic calendars,whichare informed to all stakeholders.**

Course allotment: The Head of the Department allots the courses

to the Faculty at the end of the previous semester to enable the faculty members to start preparations.

- The students decide elective courses in the curriculumas per their choice.
- Courses are allotted based on the criteria like faculty choice, expertise and previous experience.
- Subjects and laboratory hours are allotted to Faculty as per norms.

Preparation of timetables

- The overall timetable coordinator plans the schedule for standard slots, and department timetablecoordinators prepare the timetable in line withthe overall schedule.

Preparation of Course file: Faculty prepare course file with the following content:

- Syllabus content to be delivered
- Time table
- Teaching methodologies
- Assessment tools
- Contemporary developments

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

179

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

18

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

179

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

30

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

160

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The following significant reforms are implemented in the ExaminationManagement System

- Examination schedules are prepared by adhering to institution

- Examination schedules are strictly prepared as per the Academic Calendar.
- Internal exams which includes, midterm examinations and assignments are conducted as per the schedules.
- The marks obtained by the students are posted in ERP(i-campus).
- All the examination tasks are integrated with Examination Management System using ERP. The institute uses electronic processes to publishing the examination schedules in the college website, conducting examinations on pre-printed bar-coded and OMR answer booklets, and post-examination task-declaration of results, and issue of grade cards.
- The question paper for the Semester End Examinations is also set by external members from premier institution.
- Special squad team comprises of internal faculty to take prompt actions by against malpractices.
- scriber for the Physically Challenged students is arranged as per norms
- Exams are conducted as per the seating arrangement with maximum capacity of 48 students per room.
- End examination answer scripts evaluated under single supervision of chief examiner.
- Chief examiner re-evaluates the answer scripts randomly from each bundle evaluated by each examiner to check the evaluation and pass necessary instructions to all evaluators from time to time.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://exams.mictech.ac.in/Login.aspx

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

In compliance with OBE, Cos, Pos and PSOs of all the programs offered by the institution are framed through discussion with Course Coordinator, Module Coordinator, Program coordinator and Department Academic Committee (DAC).The COs are in line with POs & PSOs of the department. The COs are published in academic regulations and curriculum book, and departmental website. They are made reachable to all the stakeholders of the program through institution website, faculty workshops, student awareness workshops, student induction programs and faculty meetings. The POs and PSOs are achieved through acurriculum that offers a number of courses. Each course has a defined set of COs that are mapped to the POs & PSOs. A set of performance criteria are used to provide a quantitative measurement of how well COs are achieved. The COs are thus directly and quantitatively assessed, and in turn contribute for attainment of POs and PSOs. Therefore, if the course outcomes are attained, it provides direct quantitative evidence that POs and PSOs are attained. The course outcomes of each course are mapped to the Program Outcomes with a level of emphasis being substantial, moderate and slight.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	http://mictech.edu.in/iqac

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The attainment of course outcomes is evaluated by direct and indirect methods.

- **Mid examination, Unit test, Semester End Examinations are considered for Direct assessment of COs.**
- **Course End Survey is considered as a indirect assessment tool CO attainment.**
- **Assessment of assignments are also considered as a direct assessment tool for CO attainment**
- **Rubrics are formulated for the assessment of laboratory, mini project, major project, seminar and internship courses.**
- **The expected level of course outcomes is set by PAC at the beginning of the semester based on the previous COs attainment record.**
- **The performance of the students in the examinations during the semester in each course is used to compute the level of direct attainment of the COs.**

Attainment of POs and PSOs:

a) Direct assessment:

The performance of the students in the examinations during the semester in each course is used to compute the level of attainment of the POs and PSOs through the mapping of questions to COs and Cos to POs and PSOs. CO-PO & PSO mapping for all the courses in the program are prepared by Module Coordinators and approved in the Department Academic Committee .

b) Indirect assessment:

Graduate exit survey

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	http://mictech.edu.in/iqac

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

724

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	[View File](#)
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

http://mictech.edu.in/iqac

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The Institute continuously encouragesfaculty members and students to conduct research in their respective areas with a well-defined Research and Development Policy. The Institute always provides all the facilities to promote campus research activity to students and Faculty to carry out research work and bring shape to their innovative ideas. Faculty are further encouraged to apply for various funding agencies to pursue their research for product development. However, the Institution is ready to provide funding based on the merit of proposals submitted by the Faculty. The Faculty and students are encouraged to present their ideas before the R&D wing of the Instituteto get the sanction of seed funding following institution guidelines. The Institute encourages the Faculty by providing incentives for peer-reviewed publications and patents. The research proposals submitted by the Faculty to various funding agencies are reviewed by expert committees at both the Department and central levels. These committees also ensurethe non-violation of research consultancy ethics, professional ethics, and people's privacy.Stringent efforts are underway to establish research facilities in the college according to the needs of stakeholders. Further, the college encourages the Faculty and students to participate in external conferences, FDPs, workshops and symposia to know the latest trends in technology by interacting with scientists who

have been working on the latest technologies.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	**No File Uploaded**
Provide URL of policy document on promotion of research uploaded on the website	http://mictech.edu.in/iqac
Any additional information	**No File Uploaded**

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

2.66

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	**No File Uploaded**
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	**No File Uploaded**
List of teachers and details of their international fellowship(s)	<u>View File</u>
Any additional information	**No File Uploaded**

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

3.55

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<u>View File</u>
List of projects and grant details	**No File Uploaded**
Any additional information	**No File Uploaded**

3.2.2 - Number of teachers having research projects during the year

8

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**
List of research projects during the year	<u>View File</u>

3.2.3 - Number of teachers recognised as research guides

00

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	**No File Uploaded**
Institutional data in Prescribed format	[View File](#)

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

5

File Description	Documents
Supporting document from Funding Agencies	[View File](#)
Paste link to funding agencies' website	**Nil**
Any additional information	**No File Uploaded**

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

1. R&D and Start-up Policy

R&D & Start-up Policy is in place that facilitates students and Faculty to carry out innovation activities in tune with remarkable technological developments.

2. Resources

The Institute has established a dedicated research cell named College Research and Development Cell to promote research activities in the college.The objectives of CRDC are:

- **To advise, encourage, review and monitor the progress of research & development in the Institute along with consultancy.**
- **To provide guidelines for publishing papers in journals and conferences**
- **To recommend to management and arrange for internal funding and adequate infrastructural support.**

- **To scrutinize minor/major research project proposals for forwarding to sponsored funding bodies.**
- **To help establish technology incubation centres and research centres.**
- **To encourage researchers to patent their research outcomes and to solve societal problems.**

3. Collaborations

Institute has several MoUs to undertake collaborative activities for innovation, incubation and IPRs.

4. Activities

- **Projects and internships in the curriculum have embedded innovation as the nucleus of the curriculum.**
- **Every year Innovative and entrepreneurship activities are conducted as per the guidelines of the Innovation Cell.**
- **The Institution encourages the students to participate in Idea competitions conducted by recognized bodies and institutions of reputation.**

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

38

File Description	Documents
Report of the events	**No File Uploaded**
List of workshops/seminars conducted during the year	View File
Any additional information	**No File Uploaded**

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through	**B. Any 3 of the above**

the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	**No File Uploaded**
Any additional information	**No File Uploaded**

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

0

File Description	Documents
URL to the research page on HEI website	**Nil**
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	[View File](#)
Any additional information	**No File Uploaded**

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

21

File Description	Documents
List of research papers by title, author, department, and year of publication	[View File](#)
Any additional information	**No File Uploaded**

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

4

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

35

File Description	Documents
Any additional information	**No File Uploaded**
Bibliometrics of the publications during the year	**No File Uploaded**

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

9

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	**No File Uploaded**
Any additional information	**No File Uploaded**

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0.48

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0.48

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The institute takes up several extension activities for the benefit of community. These service activities make the student to expose to social woes.

The institute organized several extension activities related to precautions against the COVID. The steps taken by college during pandemic situation were use of masks, sanitization, hand wash, social distance and support to needy people. In addition to above, students also actively participate in tree plantation and removal of waste as a part of Swachh Bharath activities. In order to protect environment, the institute promotes eco-friendly clay

Ganesh Idol distribution. As a part of health related activities, students and faculty were actively participating in blood donation camps.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

00

File Description	Documents
Number of awards for extension activities in during the year	<u>View File</u>
e-copy of the award letters	**No File Uploaded**
Any additional information	**No File Uploaded**

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

13

File Description	Documents
Reports of the events organized	<u>View File</u>
Any additional information	**No File Uploaded**

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1724

File Description	Documents
Reports of the events	<u>View File</u>
Any additional information	**No File Uploaded**

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

5

File Description	Documents
Copies of documents highlighting collaboration	<u>View File</u>
Any additional information	**No File Uploaded**

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

12

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	**No File Uploaded**
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<u>View File</u>
Any additional information	**No File Uploaded**

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The college has excellent infrastructural facilities spread over 29.54 acres of land. Lush lawns and greenery have been developed in the campus to attain an eco-friendly environment.

The college has the following strengths:

- **The Institution has 70 spacious classrooms and 67 laboratories with adequate lighting and good ventilation.**
- **All classrooms are well furnished with benches, podiums and Light glass board.**
- **All Laboratories are equipped with state-of-the-art facilities with periodic maintenance, mainly system**

- maintenance, antivirus updations, software updations, calibration and servicing.
- Air-conditioned Conference Halls are used for department-level staff meetings, research discussions, presentations during expert committee visits and mock interviews before placements.
- A Seminar Hall of 150 capacity is equipped with an LCD projector with LED screen, wi-fi, Audio and Video facilities and internet in departments
- An entirely air-conditioned Auditorium with 512 seating capacity is equipped with an LCD projector, LED screen and internet.
- The Library has a collection of 48,000volumes of books with 9302 titles. It also provides a digital Library, and it has subscribed to e-journals.
- The entire campus is facilitated with mobility-aware wi-fi connectivity and with abundant bandwidth. All computers are connected to the campus network with a 1GBPSfibre optic backbone.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://mictech.edu.in/facilities

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

The Institution has two separate bodies to supervise sports and extra-curricular activities in the college. The college hasa separate physical education department that trains students in various sports and games. The college has 10 acres of land for playing Cricket, Football, Volleyball, Badminton, Khokho, Tennicoit, Throwball and Kabadi. The college regularly hosts inter University zonal tournamentson campus. Facilities for the long jump, high jump, shot put, and disc throws are provided. The college has also provided facilities for indoor games such as Table Tennis, Badminton, Chess, carroms etc., as part of the Department of physical education.

As part of the Initiative For Co-Curricular & Extra Curricular(ICE) Activities, yoga classes are conducted for students and Faculty. It is our regular practice to conduct cultural events for students on the occasion of Independence Day,

Republic Day and some other important days of freedom fighters. We also provide training from outside experts on music and dance as a part of the annual MICFEST.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	http://mictech.edu.in/facilities

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

76

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

489.45

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

MICT Library has an extensive collection of documents consisting of books, periodicals, journals, Project Reports, e-Books, e-journals, CDs etc. It caters to the needs of students, Faculty and supporting staff. It has computerized its housekeeping

activities using NewGenLib software, an integrated multi-tier library management system that supports all in-house operations of the Library. The NewGenLib consists of modules on Acquisition, Technical processing, Circulation, Serial management, Administration, Reports, Queries and Utilities.

More than 50000 Bibliographic records of books available in the Library can now be accessed through the NewGenLib OPAC (Online Public Access Catalogue). The database of books available in the Library is being updated on a day-to-day basis with details of recently acquired books. All Library patrons' records have also been created in the NewGenLib software. All the books and library resources are bar-coded, and patron's ID cards are also bar-coded for computing the per-day usage of the Library.

It has a Digital Library with more than 50 systems with Internet facilities. Students and Faculty can browse e-resources and e-databases. The library maintains a Biometric login of users to analyze the daily physical footfalls.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://mictech.edu.in/facilities

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	[View File](#)
Upload any additional information	[View File](#)

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

0.672

File Description	Documents
Audited statements of accounts	View File
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

93

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The college campus has a well-established state-of-the-art IT infrastructure and facilities. The campus intranet is equipped with a 1 GBPS Multimode fibre optic backbone network, supplemented with a wi-fi facility that supports various services such as the college website, Fee management software, Autonomous Student Portal, library information system etc. The campus has 1200 computers for academic & administrative purposes, scattered across 13 labs exclusive for students connecting to the college network with an IP address.

The data centre has 24-hour power backup and standby facilities to provide 24/7 services. The campus is under 24x7 electronic surveillance with cameras installed at different college services (ITSS) places with exclusive Non – teaching staff.

The college upgraded the internet from 120 MBPS to 220 MBPS ILL in 2019. Internet access is provided in labs, Library and offices of all Departments, faculty cabins, academic office, management office, seminar halls, and auditorium. Hostels are enabled with Wi-fi Internet access. The college ensures that all the software required for academic activities are licensed.Microsoft Teams was

used as a platform for Online classes during the pandemic.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://mictech.edu.in/facilities

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2770	**1169**

File Description	Documents
Upload any additional information	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	**A. ?50 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	**No File Uploaded**
Upload any additional information	[View File](#)

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	**A. All four of the above**

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**
List of facilities for e-content development (Data Template)	**No File Uploaded**

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

489.45

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	**No File Uploaded**

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

General maintenance:The central maintenance department looks after the maintenance of buildings and various utilities such as water, plumbing, electrical, carpentry and other related issues. The routine cleaning of classrooms, roads and washrooms will be done as per the schedule given to the staff. The maintenance department prepares and maintains routine checklists and preventive maintenance schedules. The concerned faculty/lab technician will raise the maintenance works-related issues of the Department. The central maintenance department will do the work allocation.

Maintenance of computer systems, networking, and internet facilities:An ITSS department is constituted in the Institute to look after all the issues related to the services mentioned above. Based on the complaint raised by each Department, the technical person will resolve the issue.

Library Services:The College Library System consists of a Central Library and six departmental libraries, which collectively support the teaching, research and extension programmes of the Institute. All students, faculty members and employees of the Institute are entitled to use the Library facilities by taking a library membership.

Laboratories:The lab faculty incharge and technicians of the lab ensure the regular maintenance and that all the equipment is in good working condition.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	http://mictech.edu.in/facilities

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1865

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Institutional data in prescribed format	**No File Uploaded**

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	**A. All of the above**

File Description	Documents
Link to Institutional website	http://mictech.edu.in/
Details of capability development and schemes	View File
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

385

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

385

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**

5.2.2 - Number of outgoing students progressing to higher education

19

File Description	Documents
Upload supporting data for students/alumni	**No File Uploaded**
Details of students who went for higher education	View File
Any additional information	**No File Uploaded**

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

21

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	**No File Uploaded**

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

0

File Description	Documents
e-copies of award letters and certificates	**No File Uploaded**
Any additional information	**No File Uploaded**

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The students across all the years of study from all the branches of engineering and technology are actively involved in the following Committees to receive and consider their views for achieving a better academic ecosystem. • Anti-Ragging Committee • Women Empowerment Grievance Cell • Initiative for Cocurricular and Extra Curricular Activities • Hostel Committee • Canteen Committee • Teachers Day, Engineers Day, Technical Fest, Annual Sports and College Day committees. • Student chapters of IETE, ISTE, IEI, CSI, ASME etc. In addition, student representatives are included in Student Welfare Committee. Student members represent the various issues and present their ideas at committee meetings. Their suggestions are given due importance in arriving at decisions.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

5.3.3 - Number of sports and cultural events / competitions organised by the institution

8

File Description	Documents
Report of the event	**No File Uploaded**
List of sports and cultural events / competitions organised per year	<u>View File</u>
Upload any additional information	**No File Uploaded**

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Institution has an alumni association called "MIC OLD STUDENTS ASSOCIATION (MICOSA)" MICOSA. MICOSA was formed in 2006 when the first batch (2002-06) graduated. This association was initiated by the then Principal, Prof N.Krishna and Vice-Principal,Prof.D.Panduranga Rao. Each graduating student has contributed Rs.200 from their caution deposit for the association. The college has deposited this amount in a separate account for the conduct of yearly meetings and other association activities. It has decided to have its annual meeting every year from 2010 in September and October according to the convenience of the association's members.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year	E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The Vision and Mission statements define the Institute's distinctive characteristics in addressing the needs of stakeholders.In adherence to the Institute'sVision and mission, the Governing body was constituted as per the norms of regulatory bodies. The Management and Principal actively participate in governing body to ensure policy statements and action plans are designed to achieve the Institute's mission. The Members of the

Management, Principal and other officials are always available to present their views and ideas to the Faculty. The opinions of Faculty and staff will be considered positively for evolving policies. The Principal is the key person who frames the rules and regulations after consulting governing body and academic council. The principal regularly reviews the action plans' outcomes by meeting with various committees. The management reviews the quality policy and makes amendments if required. Heads of the departments are responsible for ensuring effective teaching-learning methodology and monitoring systems. Non-statutory committees are headed by senior faculty members who assist the Principal both in administration and academic activities. Faculty play a proactive role in the academic and administrative activities of the Institution. The freedom of action motivates Faculty to creative and innovative practices, coordination and teamwork.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	http://mictech.edu.in/governing-body

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The college ensures decentralization, thus delegates work at different levels ensuring good governance. Allocation of the budget is based on the proposals received from the Department and once it is approved for a financial year, various operations can be performed by the HOD, as envisaged in the approved budget. The HOD has the authority in deciding the activities and delegating the responsibilities to the staff members of the Department. The Department decides on timetable, subject allocation, purchase and maintenance of equipment and consumables, organizing guest lectures and workshops and recommends necessary industrial visits,MoUs and work towards achieving its Vision and mission.

Administration: In the Institute, there is freedom to organize the administrative activities in accordance with the institutional policies. It has inculcated the practice of hearing the voices of all concerned. Every week, the HODs meeting with Principal will be held and the views of all HODs will be taken into cognizance before a decision is taken. Similarly, department faculty meetings are held regularly where internal issues within

the Department are discussed and the deliberations of HODs meeting are discussed. Leadership in MICT always recognizes the significance of listening and interpreting the employees' views and practices this culture meticulously.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Curriculum Development

Curricula are prepared by all Departments taking guidelines from AICTE Model Curriculum , JNTUK curriculum and Curricula adopted at other Premier Institutions and by Considering Industry needs and Technological Challenges. Constituting Board of Studies (BoS) with members from NITs, IITs, Alumni and Industry. appointing alumni as members of Board of Studies who involves in the design and development of curriculum and receiving feedback from the employers and alumni on existing curriculum for the required improvement and innovation are the key elements in this process. In our Current Regulation, courses are added to enhance the employability skills and improve self-learning. capability (MOOCs). Internships are included to meet industry requirements.

Industry Interaction / Collaboration

Library, ICT and Physical Infrastructure / Instrumentation

Teaching and Learning

• Provision of State-of-the art learning resources in Central Library Information Centre and department libraries.

• Structured course files and lab manuals on all courses

Research and Development

In order to promote, encourage, guide, and monitor research and development in the Institute, CRDC has been constituted.

Admission of Students

• 70% of the admissions are done by Convener, EAMCET, Andhra Pradesh through State Government.

• Remaining 30% of the admissions are done by the management .

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://mictech.edu.in/iqac
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

The Institution has a decentralized and well transparent administrative setup. Chairman is the functional head of the college. He mainly concentrates on development of education and growth of the Institution. The Governing Body gives constructive suggestions to the management for effective decision making and to meet the Vision andMission and the needs of the stakeholders. Chief executive officer of the college coordinates between the sponsoring society, college management committee and other systems of management in the college. Principal is the head of the Institute who acts as a bridge between the management, staff and students. Controller of examinations (CoE) takes care of the responsibilities of Autonomous examination system and reports to Principal. HOD is responsible for the functioning of that Department as per the laid down policies of the college.

Institute has four statutory bodies i.e Governing Body, Academic Council, Finance Committee, Boards of Studies and various non statutory bodies with defined roles and responsibilities both at institute and department level.

All the recruitments are made transparent by duly advertising the posts in leading dailies / online and conducting interviews by involving subject experts.

Service rules, various policies such as recruitment, promotion are available for the functional aspects of the Institution.

File Description	Documents
Paste link to Organogram on the institution webpage	http://mictech.edu.in/governing-body
Upload any additional information	View File
Paste link for additional Information	**Nil**

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	**B. Any three of the above**

File Description	Documents
ERP (Enterprise Resource Planning) Documen	**No File Uploaded**
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	**No File Uploaded**

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The following are the welfare measures extended to the teaching and non-teaching staff of the Institute:

Teaching

• Free Transport facility for Professors and Associate professors and subsidized transport charges for remaining staff members. • Incentives, Promotions and increments are given regularly. • Maternity leave and post maternity leave are provided once. • Earned Leave, Employee provident fund, Medical Leave is provided. • Sponsorship to Workshops/ Seminars/Refresher courses, registration Fees are provided besides on duty or special casual leave. • Group mobile plans are provided based on the necessity.

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Non-teaching
```

• Free Transport facility for Professors and Associate professors and subsidized transport charges for remaining staff members. • Incentives, Promotions and increments are given regularly. • Maternity leave and post maternity leave are provided once. • Earned Leave, Employee provident fund, Medical Leave is provided. • Sponsorship to Workshops/ Seminars/Refresher courses, 100 registration Fees are provided besides on duty or special casual leave. • Group mobile plans are provided based on the necessity.

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Students
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• Gold medals and merit awards will be given to the meritorious students. • Canteen provision with subsidized price • Dispensary on the college campus • Group Insurance for the students while visiting industries.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

17

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

00

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

86

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The college regularly conducts audits for the financial activities carried out in the Institution every year. Accounts department maintains financial accounts, prepares financial statements audited by external auditor and submits them to all the statutory bodies like AICTE, UGC and State Government as and when required.

The Principal constitutes an Internal Audit Committee which conducts audit on a Sampling basis to check the correctness of the financial transactions and statements of the Institution. The Committee verifies Cashbook, Bank accounts, Ledgers, Bills, Vouchers, and statement of cash position and cash flow physically and conducts sample check on the heads of various accounts, balance dates, and postings.

Accounts of college are audited by a charted accountant regularly as per government rules. Auditor ensures that all payments are duly authorized after audit, report is sent to the management for review. Any queries, in process of audit would be attended

immediately along with supporting documents within the prescribed time limits. Audited statement is duly signed by authorities of management and chartered accountant.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	**No File Uploaded**
Any additional information	**No File Uploaded**

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The different sources for mobilizing the funds is as follows

1. Tuition fees from students

The major source of revenue generation is tuition fees collectedfrom students.The fee is collected from students' asper the guidelines issued by the fee fixation committee of stategovernment of Andhra Pradesh.

2.Sponsored research and Consultancy

Mobilization of funds is also donethrough sponsored projects from Government agencies and consultancy projects.

An annual budget is prepared to ensure optimal utilisation offinancial resources, based on the estimates received from the departments and functional units of the Institution. The GoverningBody approves the Budget of various departments and sections of the institution for the Financial Year. Audit is

performed periodicallyto ensure whether the budget is optimally utilized or not. Theresources in the form of facilities and equipment are maintained toensure optimum performance.In any unforeseencircumstances, non-budgeted amount is considered and allotteddepending on the merit of the case. The requests are consolidatedand reviewed by the Administration team and funds are allotted.Utilization of allocated funds are monitored periodically andreviewed at the end of the Financial Year.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvementsare made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

IQAC has contributed significantly for institutionalizing the quality assurance strategies and processes. Among the various initiatives, a few are listed here:

1. Conduct of academic and administrative audits:

The academic audits are conducted regularly to review the quality of academic processes and strategies and functions of various administrative departments.

The objective of academic and administrative audit is to review the quality of the academic process and assessment of policies, strategies and functions of various administrative departments, control of overall administrative system. This audit helps to improve the quality in teaching learning process by ensuring

following activities:

- **Improving and encouraging students to participate in technical contests both within and outside the college.**
- **Conducting seminar and workshops to students on advanced technologies.**
- **Encourage to conduct and participatein faculty development programmes for Faculty.**
- **Encouragement of Faculty to participate in conferences to present papers, attend FDPs outside the college.**
- **Feedback from all the stakeholders regarding design and implementation of curriculumand Feedback from students regarding teaching-learning process and corrective measure.**

2.Faculty academic enrichment

IQAC cell is continuously encouraging the faculty expertise to enrich their skills by encouraging them to attend NPTEL courses.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	http://mictech.edu.in/iqac

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Institute regulary reviews its teaching-learning process through following actvities

Class Delivery Review report, Students feedback, Stakeholders feedback on curriculum,Projects and Internships, Participation in Hackthon and model competetionnz,Industrial Visits, Attainment of Outcomes.

Criteria Initiatives implemented

1. Developement of OBE through its curriculum, Certification courses and Value added courses, MoUs with industry to enrich the student knopwledge.

2.Innovative teaching learning methodology through LMS and NPTEL Active chapter, Refroms in assessment and Evaluation process,NAAC Accreditation

3 Seed money, Consultancy, Publications in reputed journals, Expert talks on current trends andand entrepreneurship development programs.

4 ICT enabled Class rooms and Seminar Halls, Digital Library Facility.

5 Organized training programs onsoft skills, Career Guidance and competetive exams. Enhancement in Placements

6 Automation in academic administration, finance, student support, and examinations.

7 Innovative Best Practices

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	**A. Any 4 or all of the above**

File Description	Documents
Paste the web link of annual reports of the Institution	http://mictech.edu.in/iqac
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

DVR & Dr. HS MIC College of Technology has taken several measures for Gender Equity. The Institute is continuously encouraging the women faculty by providing an opportunity to lead the departments as Heads of the Department and they are given coordinatorship for several activities. Female students are regularly counselled on women health and safety by women grievance cell led by senior female faculty. Female students are encouraged to take part and to lead cocurricular and extra-curricular activities. The Institute celebrates "Women's" Day regularly where famous personalities are invited to share their life experiences to motivate the students.

With reference to safety and security- Counseling, waiting halls for female students, separate space in the canteen and dedicated hostel for girls are provided. All the waiting halls are provided with adequate furniture and proper ventilation. Regular counseling programs by ICC and women's grievance cell are in practice.Safety and security of girls is top priority in the campus.CCTV surveillance with high resolution are installed at key points in campus as well as hostel, with facility of distributed recording in control room in the campus; entry of unwanted elements is monitored through these cameras.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

MIC is strongly committed towards wastemanagement. It advocates conservation ofresources, especiallynatural resources, to generate minimal waste and manage it from itsinception to its final disposal.

Solid waste management: The sources of solid waste in the college are food waste from canteen and hostels and waste from greenery and plants. Every Department creates some waste and dumped in small waste binlocated indepartment.Dust bins areplaced at several locations of the college from wherehousekeeping staff take wastes.Routinewaste is daily collected in dustbins at different locations, whichare emptied in movable containers, carts and segregated before taking them todumping yard.

Liquid Waste Management: Conservation of water is done by taking several steps like closing of taps after usage, monitoring of valves in supply system and regularmaintenance to avoid leakage. The liquid waste generated out of various sanitary fittings in every Department is collected through a closed drainage system and connected to a septic tank. Septic tanks are provided for all buildings for the collection and treatment of liquid waste. while storm sewage is collected and conveyed to nearby public open drain at the time of rains.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	No File Uploaded
Any other relevant information	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling	A. Any 4 or all of the above

Maintenance of water bodies and distribution system in the campus

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. **Restricted entry of automobiles** 2. **Use of bicycles/ Battery-powered vehicles** 3. **Pedestrian-friendly pathways** 4. **Ban on use of plastic** 5. **Landscaping**	**A. Any 4 or All of the above**

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	**E. None of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	**No File Uploaded**
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	**A. Any 4 or all of the above**

File Description	Documents
Geotagged photographs / videos of facilities	[View File](#)
Policy documents and brochures on the support to be provided	**No File Uploaded**
Details of the software procured for providing assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

The Institution has an inclusive environment for co-existence of people coming from different cultures, socio-economic diversities, regions and religions. The college has made steps to create peace, tolerance and harmony among students and Faculty.The college maintains complete transparency in admission

process where students come from different district on merit basis. The Institution also encourages the Faculty and students to involve in community services to develop harmony and holistic environment. The college is continuously involved in various programmes for welfare of the society.

The college strongly believes in equality of all traditions as is evident from the fact that students from different regions, religions and caste are studying without any discrimination. The college avoids the segregation of students on socio-economic basis and provides equal opportunities for all the students. To promote cultural and regional heritage, the Institution annually conducts MICFEST where students are exposed to various dance forms and musical instruments.

In order to maintain a ragging freeevnvironment on the campus, the Institution forms an Anti-ragging cell to maintain tolerance and harmony amongstudents. Grievances cell which is headed by senior faculty members address the grievances among students to maintain harmony in the college.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

MIC aspires to build holistic development to its students and employees and accords due emphasisoninculcatingConstitutionalandSocialresponsibilities.Institute hasidentified social responsibility as one of the major priorities upon which the students and employees learn ethicalvalues and responsibilities. Hence the Institute promotescommunity service as a mandatory program to inculcate the sense ofsocial responsibility and to provide platform for self-learning andgroup learning mechanisms in future life.The college offered one mandatory course, constitution of India in all UG programs to sensitize the students about constitutional obligations. The Institution also provides awareness on constitutional provisions to both students and Faculty by conducting seminars and guest lectures. The Institute regularly conducts various competitions among the students for moulding them as responsible citizens. Every year

college celebrates both Republic and Independence day where Principal addresses the constitutional obligations and students responsibilities. Students of our college actively participate in blood donation camps under NSS unit and also take part in many plantation and cleanliness programmes both inside and nearby villages by considering it as responsibility of every citizen.Students and faculty come forward to extend financial help to the affected people in natural calamities.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized	**C. Any 2 of the above**

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

To remember our national pride, the Institute regularly celebrates

Republic day on January 26th

International Women's day on 8th March

International Yoga day on June 2nd

Independence day on August 15th

Teachers' day on Sepetember 5th

Engineer's dayon 15th September 15th

As part of Republic day on 26th January and Independence day on 15th August, college hoists the national tri colour flag.Students sing national anthem and other patriotic songs after unfurling the flag. ICE organizes the Teacher's day regularly on September 5th in memory of Dr.S Radha Krishnan. The college conducts essay writing, elocution and debates among the students. The institutes annually organize Technical Events, AAGAMA on September 15th as part of engineer's day celebration. Famous educationalist and industrialist are invited for these celebrations.

Every Year NSS Unit of College celebrates Voter's Day on 25th January to create awareness to youth about the importance of vote in democracy andtheir electoral rights.Principal delivers Voter's Day message and importance.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	**No File Uploaded**
Geotagged photographs of some of the events	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

BEST PRACTICE 1: Enhancing employability skills

Improving employability skills is crucial for any individualseeking to enhancejob prospects and to excel in the

workplace.Communication Skills,Critical Thinking and Problem-Solving,Teamwork and Collaboration,Leadership Skills,Time Management,Networking and Professionalism etc., are some of the aspects that are essential to be dynamic at work place.

We at MIC, entrust this to Professional trainers, who were assigned tohandletraining classes on Technical topics, Aptitude, Verbal and Non verbal Reasoning,

Personality development programs were conductedregularly to enhance the interpersonal skills.Mock interviews were conducted to face the interviews confidently.

Best practice-II :Honing leadership qualities among students through consistent and efficient mentoring of the students

Honing leadership qualities among students is a valuable endeavor thathelps them develop requiredskills, boost their confidence, and prepare them for future to handle any kind of roles of responsibility.

• All the departments formed their respective student Associations / Clubs. These Associations aim to conduct the technical events on current trends in technology in order to improve technical skills of the students. • The college also organizes various co-curricular and extra-curricular activities through an exclusive department ICE – Initiative for Co-Curricular Extra-curricular Activities

File Description	Documents
Best practices in the Institutional website	http://mictech.edu.in/iqac
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

The thrust areas concentrated to achieve Vision are

- Outcome Based Education
- Collaboration with skill centers to train the faculty on advanced technologies.

- **Projects on society relevant problems**

The major thrust in all the activities run by MIC is to improve the rural society around the college . Providing technical education of good standards to the young students at affordable level specifically happens to be one such important dimension. With this view MIC Odyssey began in 2002, and progressed by considering many other dimensions. The quality of technical education offered at MIC is enriched through Employability enhancement programs. This leads to better placement and higher studies for these rural students. This in turn contributes towards rural development.

Institution's vision is nurture excellence in the field of Engineering by imparting quality technical education,. In the process of creating competitive learning environment, college established Skill centers, Innovation centers, Professional societies, and clubs. Initiative For Co-Curricular & Extra Curricular Activities (ICE) is one such club actively involved in active student interaction.

Institution has an effective conjunction among teaching, researchand extension. Each department arranges guest lecturers periodically addressed by the eminent persons from Industry, Academic and Research Institutions.

File Description	Documents
Appropriate link in the institutional website	http://mictech.edu.in/iqac
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

Governance

- ○ **Conducting Academic and Administrative Audit**
- ○ **Evaluation of Institute performance and benchmarking by participating in various ranking frameworks**
- ○ **Providing financial assistance to the faculty for attending**

Teaching – Learning

- **Strengthening Teaching –Learning process through InternalAcademic Audit**
- **Strengthening the OBE Implementation**

- **Strengthening Industry-institute interaction**
- **Effective usage of ICT tools and e- learning resources**

Research and Development

- **Improving seed money facility and incentives for research**
- **Increasing the number of journal and conference publications**
- **Encouraging faculty to apply for financial assistance from theoutsources to organize the Seminars/ Conferences**
- **Conducting International/National Conference**

Skill Set Improvement

- **Improving faculty competencies through Certification Courses/Conferences.**
- **Encouraging students to participate in various events to**
- **ensure holistic development of personality**
- **Enhancing soft skills and Programming Skills**
- **Conducting Annual Technical competition (AAGAMA) and cultural competition(MICFEST).**
- **Strengthening Alumni interactions**
- **Organizing varsious sports and Cultural events**

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